

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046924.D
 Acq On : 31 Jan 2022 17:52
 Operator : SY/MD
 Sample : N1328-18 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

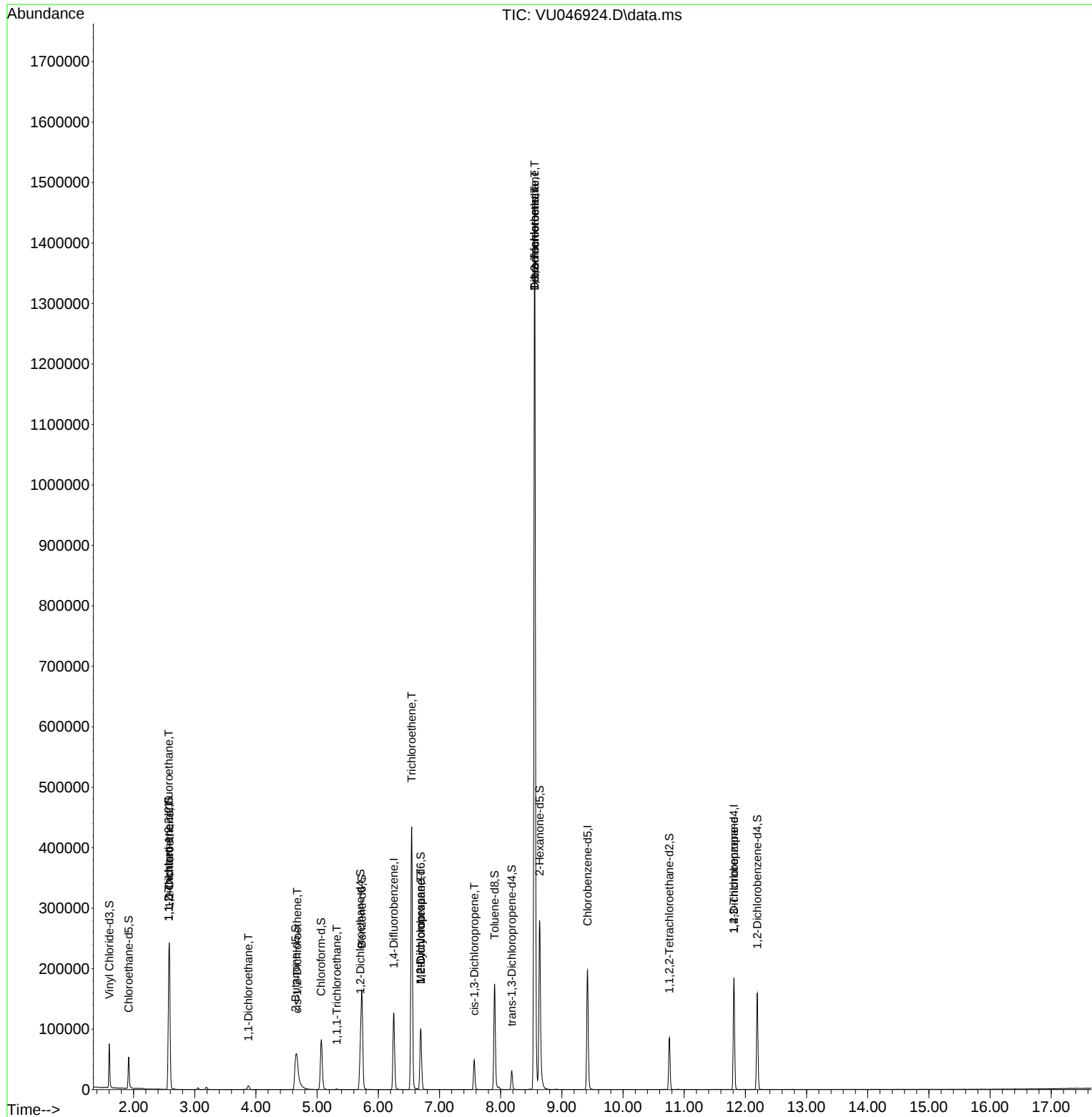
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	102069	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53177	6.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.000%
7) Chloroethane-d5	1.919	69	39469	5.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.800%
11) 1,1-Dichloroethene-d2	2.575	65	19916	5.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	4.649	46	122311	47.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.480%
24) Chloroform-d	5.067	84	78263	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.707	65	43067	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.732	84	156406	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.694	67	48378	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.899	98	120774	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.182	79	18323	4.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.636	63	109715	41.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42900	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41241	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	667	0.112	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	64089	11.245	ug/L #	77
19) 1,1-Dichloroethane	3.877	63	7351	0.709	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	7360	1.130	ug/L	93
29) 1,1,1-Trichloroethane	5.321	97	881	0.084	ug/L #	72
34) Trichloroethene	6.546	95	151656	21.361	ug/L	99
35) Methylcyclohexane	6.694	83	12162	1.023	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	5277	0.787	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1118	0.107	ug/L #	54
45) 1,1,2-Trichloroethane	8.555	97	2872	0.503	ug/L #	1
47) Tetrachloroethene	8.555	164	327452	56.709	ug/L	97
49) Dibromochloromethane	8.555	129	324065	48.137	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6268	1.529	ug/L #	66

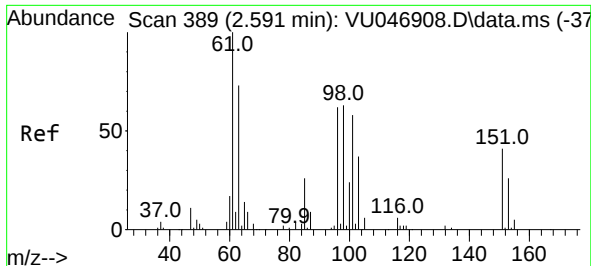
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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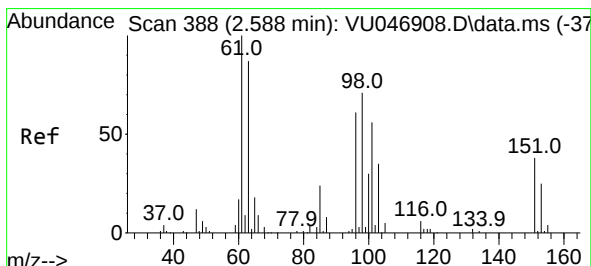
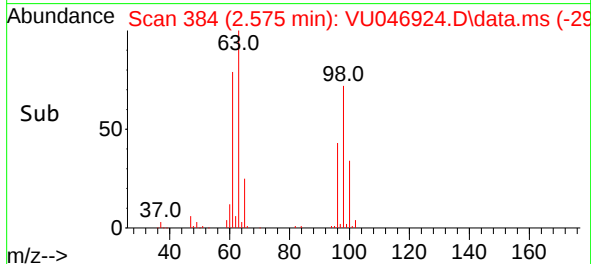
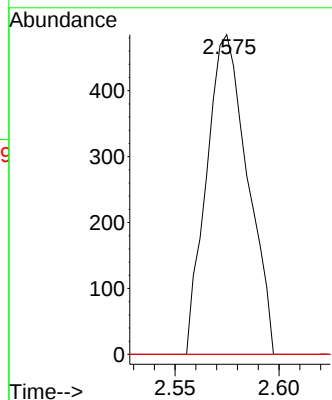
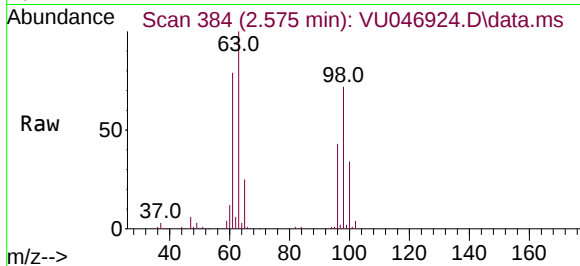




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.112 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU046924.D
 Acq: 31 Jan 2022 17:52

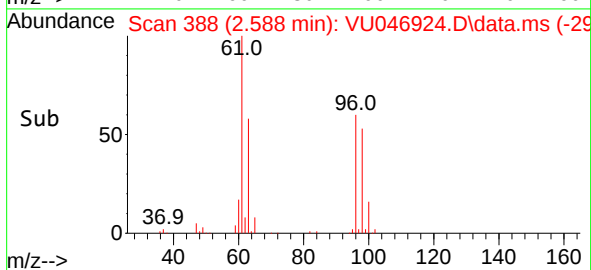
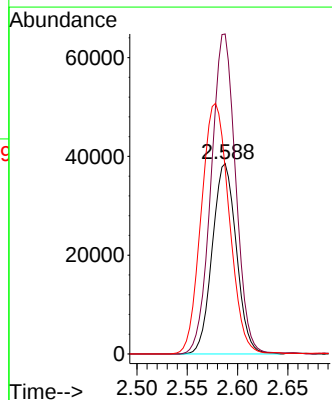
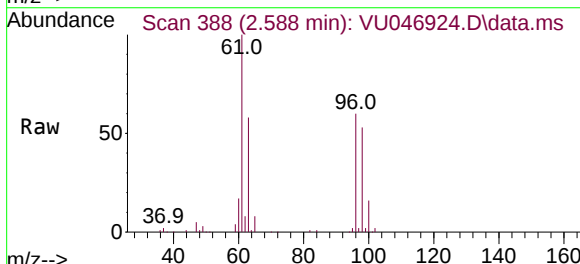
Instrument :
 MSVOA_U
 ClientSampleId :

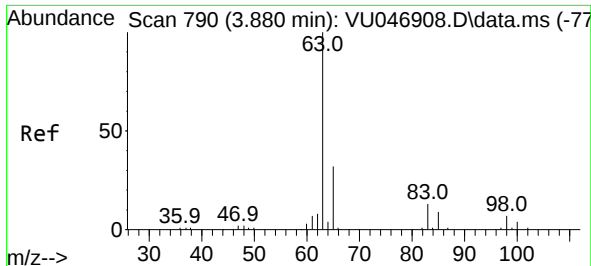
Tgt Ion:101 Resp: 667
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 11.245 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046924.D
 Acq: 31 Jan 2022 17:52

Tgt Ion: 96 Resp: 64089
 Ion Ratio Lower Upper
 96 100
 61 168.1 124.7 231.5
 63 97.4 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.709 ug/L

RT: 3.877 min Scan# 790

Delta R.T. -0.003 min

Lab File: VU046924.D

Acq: 31 Jan 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

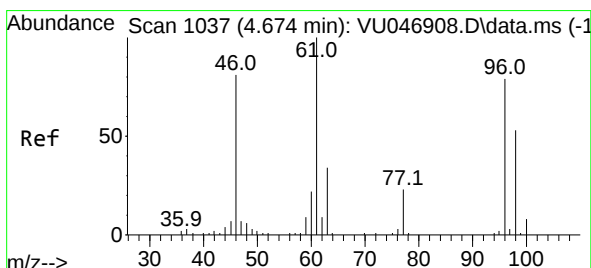
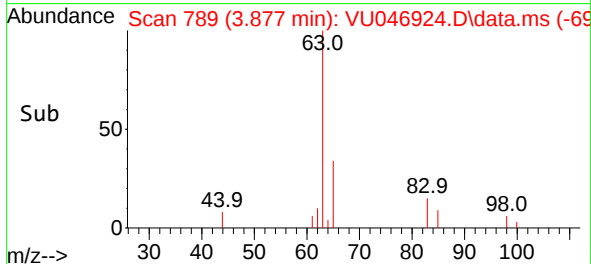
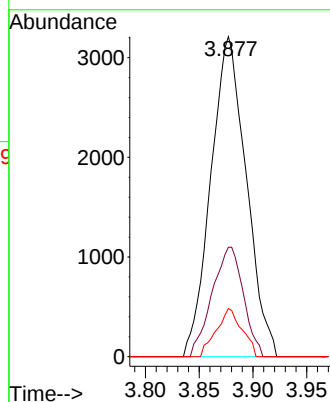
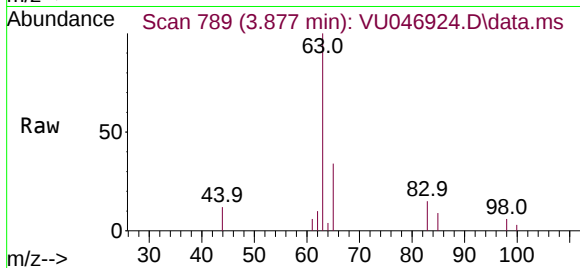
Tgt Ion: 63 Resp: 7351

Ion Ratio Lower Upper

63 100

65 34.2 22.3 41.5

83 15.1 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.130 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU046924.D

Acq: 31 Jan 2022 17:52

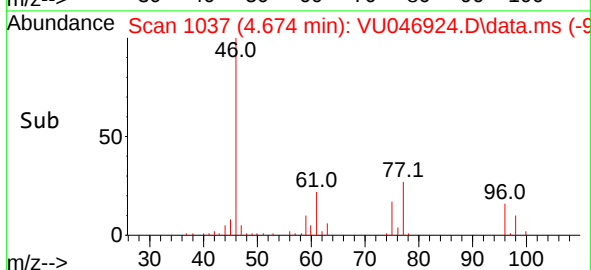
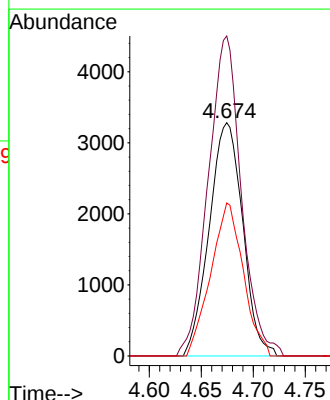
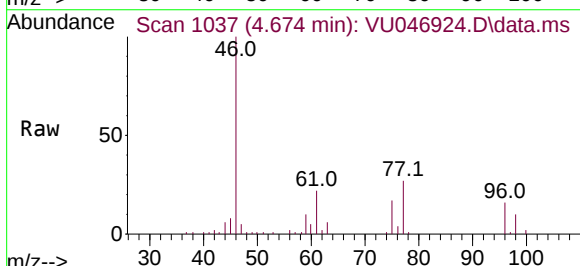
Tgt Ion: 96 Resp: 7360

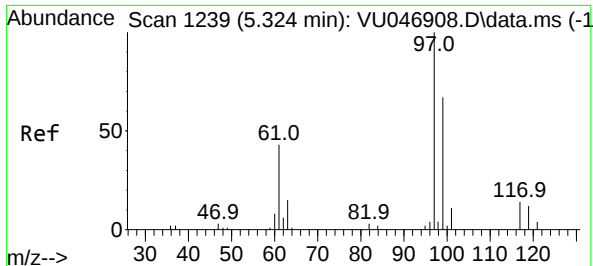
Ion Ratio Lower Upper

96 100

61 137.1 88.5 164.3

98 65.5 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.084 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046924.D

Acq: 31 Jan 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

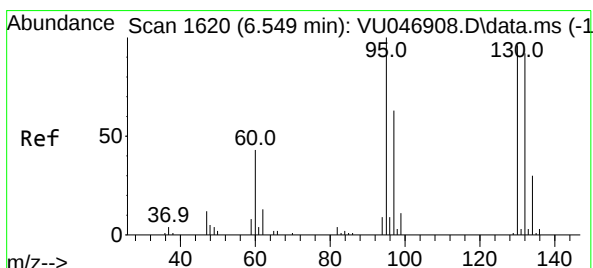
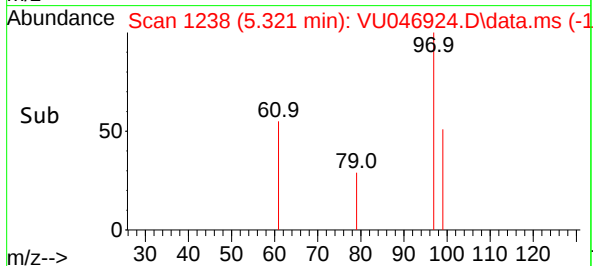
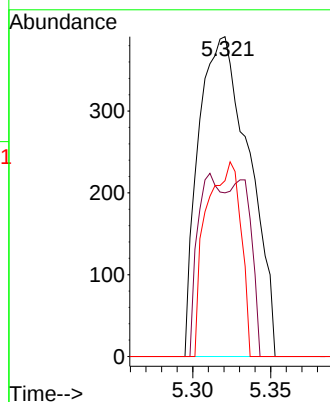
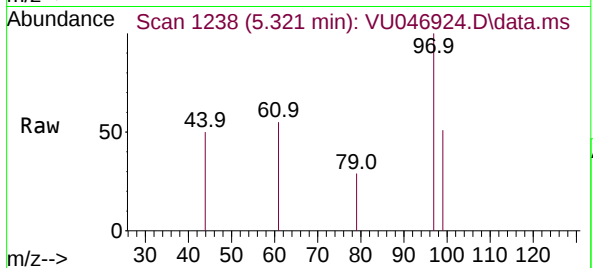
Tgt Ion: 97 Resp: 881

Ion Ratio Lower Upper

97 100

99 29.9 51.3 76.9#

61 41.3 36.1 54.1



#34

Trichloroethene

Concen: 21.361 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046924.D

Acq: 31 Jan 2022 17:52

Tgt Ion: 95 Resp: 151656

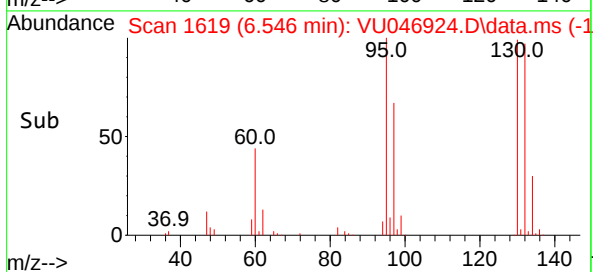
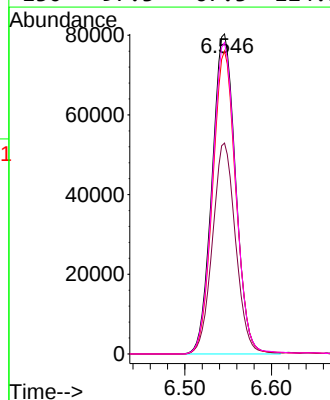
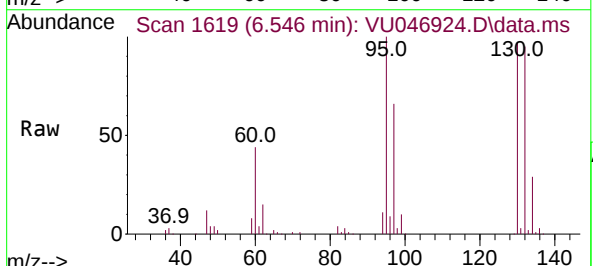
Ion Ratio Lower Upper

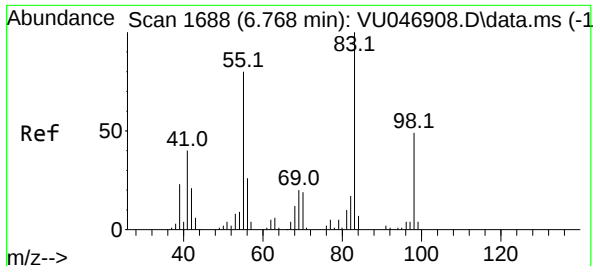
95 100

97 65.9 46.5 86.5

132 94.7 65.1 120.9

130 97.3 67.3 124.9

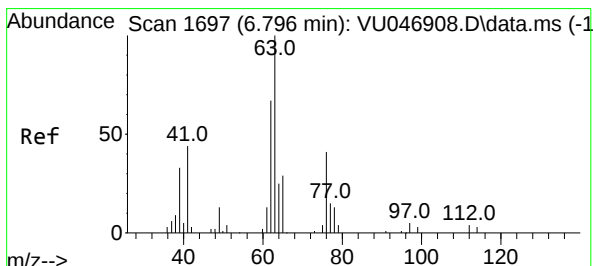
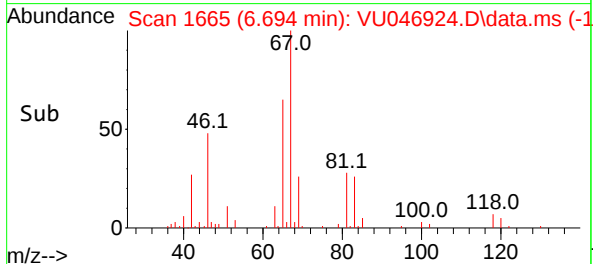
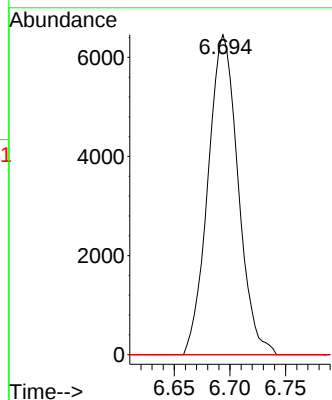
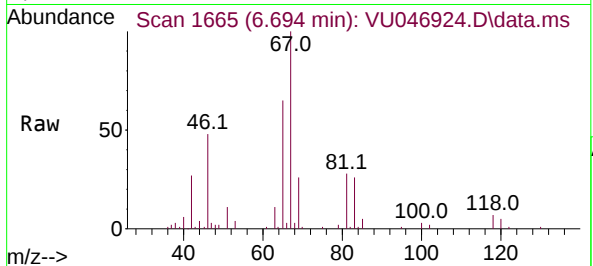




#35
Methylcyclohexane
Concen: 1.023 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046924.D
Acq: 31 Jan 2022 17:52

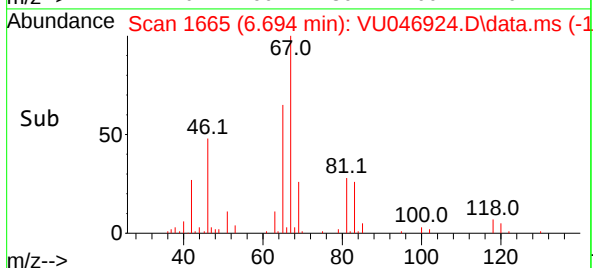
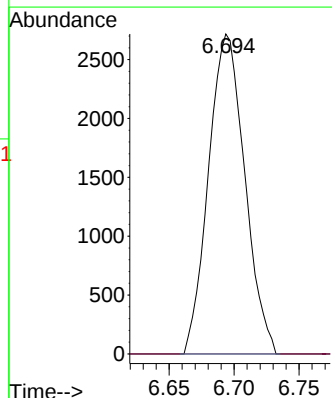
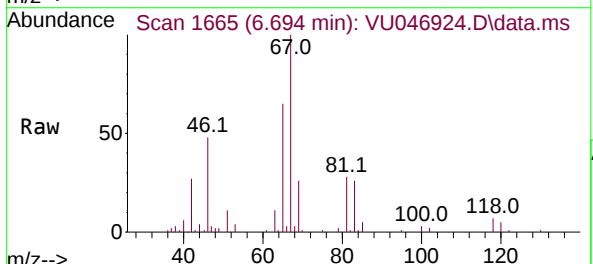
Instrument :
MSVOA_U
ClientSampleId :

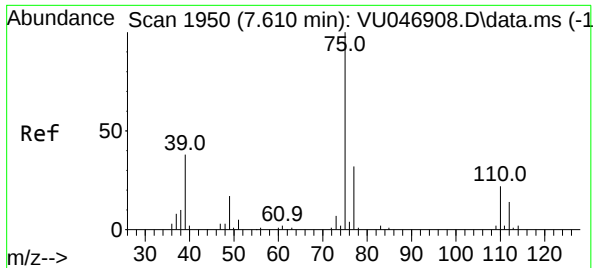
Tgt Ion: 83 Resp: 12162
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.787 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046924.D
Acq: 31 Jan 2022 17:52

Tgt Ion: 63 Resp: 5277
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU046924.D

Acq: 31 Jan 2022 17:52

Instrument :

MSVOA_U

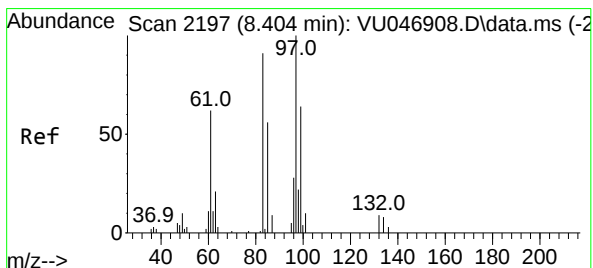
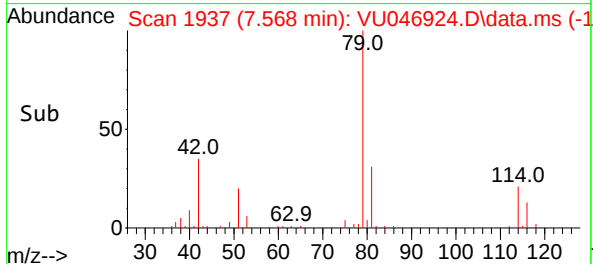
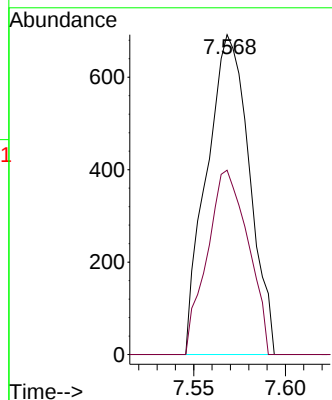
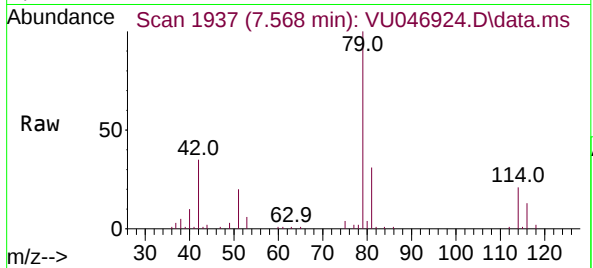
ClientSampleId :

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

77 57.7 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.503 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU046924.D

Acq: 31 Jan 2022 17:52

Tgt Ion: 97 Resp: 2872

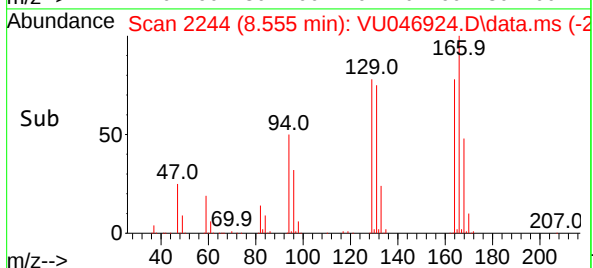
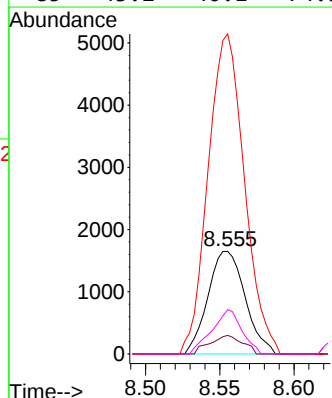
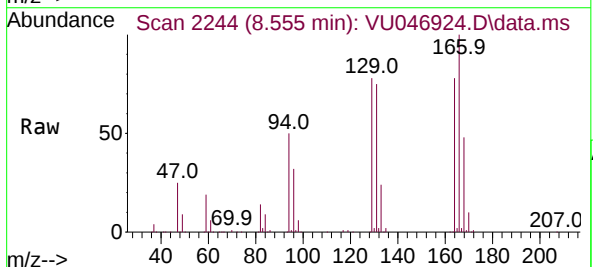
Ion Ratio Lower Upper

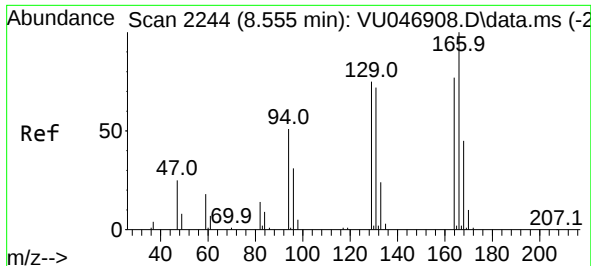
97 100

99 18.1 42.3 78.5#

83 311.8 62.0 115.2#

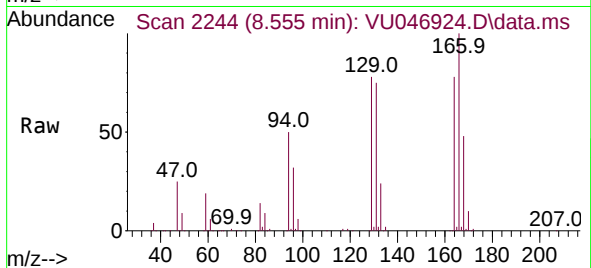
85 43.2 40.1 74.5



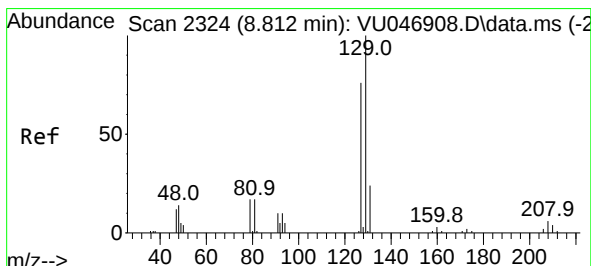
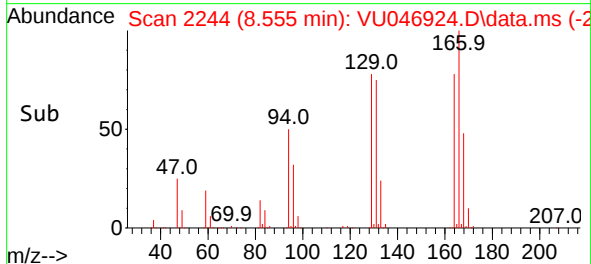
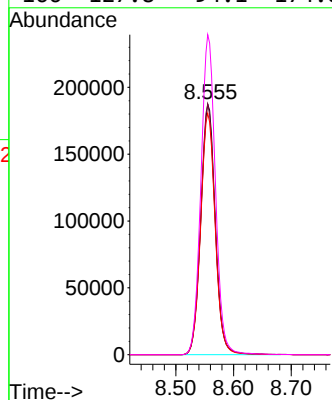


#47
Tetrachloroethene
Concen: 56.709 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046924.D
Acq: 31 Jan 2022 17:52

Instrument :
MSVOA_U
ClientSampleId :

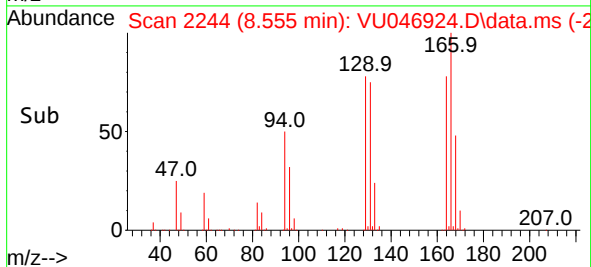
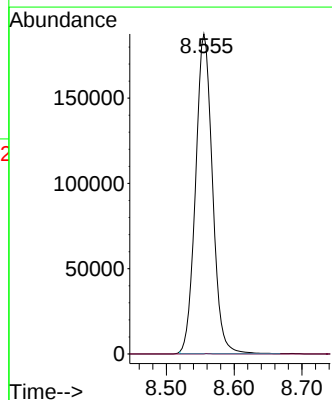
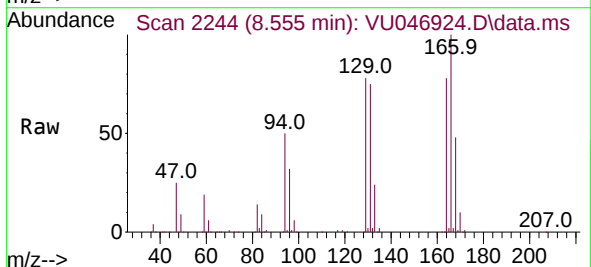


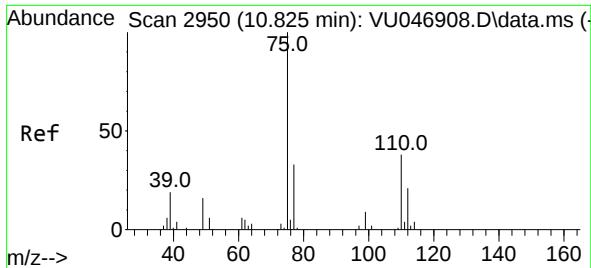
Tgt Ion:164 Resp: 327452
Ion Ratio Lower Upper
164 100
129 100.1 71.8 133.4
131 96.4 68.5 127.3
166 127.8 94.1 174.8



#49
Dibromochloromethane
Concen: 48.137 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046924.D
Acq: 31 Jan 2022 17:52

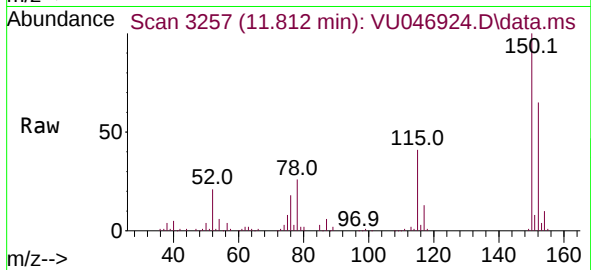
Tgt Ion:129 Resp: 324065
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.529 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046924.D
 Acq: 31 Jan 2022 17:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6268
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 32.8 25.5 38.3

